O I P E
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PATENT & TRADEMARK OFFICE

SEQUENCE LISTING

<110> Chen, Lieping

<120> B7-H1 and B7-DC Variants

<130> 07039-442001

<140> US 10/679,775
<141> 2003-10-06

<150> US 60/416,203
<151> 2002-10-04

<160> 22

<170> FastSEQ for Windows Version 4.0

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<212> PRT
<213> Homo sapiens

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Met Tyr Pro Pro Pro Tyr
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<210> 2
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<213> Homo sapiens

<400> 2
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Phe Asp Pro Pro Pro Phe
 1               5
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<210> 3
<211> 290
<212> PRT
<213> Homo sapiens

<400> 3
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 1               5                  10                  15
Asn Ala Phe Thr Val Thr Val Pro Lys Asp Leu Tyr Val Val Glu Tyr
            20                  25                  30
Gly Ser Asn Met Thr Ile Glu Cys Lys Phe Pro Val Glu Lys Gln Leu
        35                  40                  45
Asp Leu Ala Ala Leu Ile Val Tyr Trp Glu Met Glu Asp Lys Asn Ile
    50                  55                  60
Ile Gln Phe Val His Gly Glu Glu Asp Leu Lys Val Gln His Ser Ser
65                  70                  75                  80
Tyr Arg Gln Arg Ala Arg Leu Leu Lys Asp Gln Leu Ser Leu Gly Asn
                85                  90                  95
Ala Ala Leu Gln Ile Thr Asp Val Lys Leu Gln Asp Ala Gly Val Tyr
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            100                 105                 110
Arg Cys Met Ile Ser Tyr Gly Gly Ala Asp Tyr Lys Arg Ile Thr Val
        115                 120                 125
Lys Val Asn Ala Pro Tyr Asn Lys Ile Asn Gln Arg Ile Leu Val Val
    130                 135                 140
Asp Pro Val Thr Ser Glu His Glu Leu Thr Cys Gln Ala Glu Gly Tyr
145                 150                 155                 160
Pro Lys Ala Glu Val Ile Trp Thr Ser Ser Asp His Gln Val Leu Ser
                165                 170                 175
Gly Lys Thr Thr Thr Thr Asn Ser Lys Arg Glu Glu Lys Leu Phe Asn
            180                 185                 190
Val Thr Ser Thr Leu Arg Ile Asn Thr Thr Thr Asn Glu Ile Phe Tyr
        195                 200                 205
Cys Thr Phe Arg Arg Leu Asp Pro Glu Glu Asn His Thr Ala Glu Leu
    210                 215                 220
Val Ile Pro Glu Leu Pro Leu Ala His Pro Pro Asn Glu Arg Thr His
225                 230                 235                 240
Leu Val Ile Leu Gly Ala Ile Leu Leu Cys Leu Gly Val Ala Leu Thr
                245                 250                 255
Phe Ile Phe Arg Leu Arg Lys Gly Arg Met Met Asp Val Lys Lys Cys
            260                 265                 270
Gly Ile Gln Asp Thr Asn Ser Lys Lys Gln Ser Asp Thr His Leu Glu
        275                 280                 285
Glu Thr
    290

<210> 4
<211> 290
<212> PRT
<213> Mus musculus

<400> 4
Met Arg Ile Phe Ala Gly Ile Ile Phe Thr Ala Cys Cys His Leu Leu
 1               5                  10                  15
Arg Ala Phe Thr Ile Thr Ala Pro Lys Asp Leu Tyr Val Val Glu Tyr
            20                  25                  30
Gly Ser Asn Val Thr Met Glu Cys Arg Phe Pro Val Glu Arg Glu Leu
        35                  40                  45
Asp Leu Leu Ala Leu Val Val Tyr Trp Glu Lys Glu Asp Glu Gln Val
    50                  55                  60
Ile Gln Phe Val Ala Gly Glu Glu Asp Leu Lys Pro Gln His Ser Asn
65                  70                  75                  80
Phe Arg Gly Arg Ala Ser Leu Pro Lys Asp Gln Leu Leu Lys Gly Asn
                85                  90                  95
Ala Ala Leu Gln Ile Thr Asp Val Lys Leu Gln Asp Ala Gly Val Tyr
            100                 105                 110
Cys Cys Ile Ile Ser Tyr Gly Gly Ala Asp Tyr Lys Arg Ile Thr Leu
        115                 120                 125
Lys Val Asn Ala Pro Tyr Arg Lys Ile Asn Gln Arg Ile Ser Val Asp
    130                 135                 140
Pro Ala Thr Ser Glu His Glu Leu Ile Cys Gln Ala Glu Gly Tyr Pro
145                 150                 155                 160
Glu Ala Glu Val Ile Trp Thr Asn Ser Asp His Gln Pro Val Ser Gly
                165                 170                 175
Lys Arg Ser Val Thr Thr Ser Arg Thr Glu Gly Met Leu Leu Asn Val
            180                 185                 190
Thr Ser Ser Leu Arg Val Asn Ala Thr Ala Asn Asp Val Phe Tyr Cys
```

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        195                 200                 205
Thr Phe Trp Arg Ser Gln Pro Gly Gln Asn His Thr Ala Glu Leu Ile
    210                 215                 220
Ile Pro Glu Leu Pro Ala Thr His Pro Pro Gln Asn Arg Thr His Trp
225                 230                 235                 240
Val Leu Leu Gly Ser Ile Leu Leu Phe Leu Ile Val Val Ser Thr Val
                245                 250                 255
Leu Leu Phe Leu Arg Lys Gln Val Arg Met Leu Asp Val Glu Lys Cys
            260                 265                 270
Gly Val Glu Asp Thr Ser Ser Lys Asn Arg Asn Asp Thr Gln Phe Glu
        275                 280                 285
Glu Thr
    290

<210> 5
<211> 273
<212> PRT
<213> Homo sapiens

<400> 5
Met Ile Phe Leu Leu Leu Met Leu Ser Leu Glu Leu Gln Leu His Gln
 1               5                  10                  15
Ile Ala Ala Leu Phe Thr Val Thr Val Pro Lys Glu Leu Tyr Ile Ile
            20                  25                  30
Glu His Gly Ser Asn Val Thr Leu Glu Cys Asn Phe Asp Thr Gly Ser
        35                  40                  45
His Val Asn Leu Gly Ala Ile Thr Ala Ser Leu Gln Lys Val Glu Asn
    50                  55                  60
Asp Thr Ser Pro His Arg Glu Arg Ala Thr Leu Leu Glu Glu Gln Leu
65                  70                  75                  80
Pro Leu Gly Lys Ala Ser Phe His Ile Pro Gln Val Gln Val Arg Asp
                85                  90                  95
Glu Gly Gln Tyr Gln Cys Ile Ile Ile Tyr Gly Val Ala Trp Asp Tyr
            100                 105                 110
Lys Tyr Leu Thr Leu Lys Val Lys Ala Ser Tyr Arg Lys Ile Asn Thr
        115                 120                 125
His Ile Leu Lys Val Pro Glu Thr Asp Glu Val Glu Leu Thr Cys Gln
    130                 135                 140
Ala Thr Gly Tyr Pro Leu Ala Glu Val Ser Trp Pro Asn Val Ser Val
145                 150                 155                 160
Pro Ala Asn Thr Ser His Ser Arg Thr Pro Glu Gly Leu Tyr Gln Val
                165                 170                 175
Thr Ser Val Leu Arg Leu Lys Pro Pro Pro Gly Arg Asn Phe Ser Cys
            180                 185                 190
Val Phe Trp Asn Thr His Val Arg Glu Leu Thr Leu Ala Ser Ile Asp
        195                 200                 205
Leu Gln Ser Gln Met Glu Pro Arg Thr His Pro Thr Trp Leu Leu His
    210                 215                 220
Ile Phe Ile Pro Ser Cys Ile Ile Ala Phe Ile Phe Ile Ala Thr Val
225                 230                 235                 240
Ile Ala Leu Arg Lys Gln Leu Cys Gln Lys Leu Tyr Ser Ser Lys Asp
                245                 250                 255
Thr Thr Lys Arg Pro Val Thr Thr Thr Lys Arg Glu Val Asn Ser Ala
            260                 265                 270
Ile
```

<210> 6
<211> 247
<212> PRT
<213> Mus musculus

<400> 6

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Met Leu Leu Leu Leu Pro Ile Leu Asn Leu Ser Leu Gln Leu His Pro
 1               5                  10                  15
Val Ala Ala Leu Phe Thr Val Thr Ala Pro Lys Glu Val Tyr Thr Val
            20                  25                  30
Asp Val Gly Ser Ser Val Ser Leu Glu Cys Asp Phe Asp Arg Arg Glu
        35                  40                  45
Cys Thr Glu Leu Glu Gly Ile Arg Ala Ser Leu Gln Lys Val Glu Asn
    50                  55                  60
Asp Thr Ser Leu Gln Ser Glu Arg Ala Thr Leu Leu Glu Glu Gln Leu
65                  70                  75                  80
Pro Leu Gly Lys Ala Leu Phe His Ile Pro Ser Val Gln Val Arg Asp
                85                  90                  95
Ser Gly Gln Tyr Arg Cys Leu Val Ile Cys Gly Ala Ala Trp Asp Tyr
            100                 105                 110
Lys Tyr Leu Thr Val Lys Val Lys Ala Ser Tyr Met Arg Ile Asp Thr
        115                 120                 125
Arg Ile Leu Glu Val Pro Gly Thr Gly Glu Val Gln Leu Thr Cys Gln
    130                 135                 140
Ala Arg Gly Tyr Pro Leu Ala Glu Val Ser Trp Gln Asn Val Ser Val
145                 150                 155                 160
Pro Ala Asn Thr Ser His Ile Arg Thr Pro Glu Gly Leu Tyr Gln Val
                165                 170                 175
Thr Ser Val Leu Arg Leu Lys Pro Gln Pro Ser Arg Asn Phe Ser Cys
            180                 185                 190
Met Phe Trp Asn Ala His Met Lys Glu Leu Thr Ser Ala Ile Ile Asp
        195                 200                 205
Pro Leu Ser Arg Met Glu Pro Lys Val Pro Arg Thr Trp Pro Leu His
    210                 215                 220
Val Phe Ile Pro Ala Cys Thr Ile Ala Leu Ile Phe Leu Ala Ile Val
225                 230                 235                 240
Ile Ile Gln Arg Lys Arg Ile
                245
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<210> 7
<211> 873
<212> DNA
<213> Homo sapiens

<400> 7

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atgaggatat ttgctgtctt tatattcatg acctactggc atttgctgaa cgcatttact      60
gtcacggttc ccaaggacct atatgtggta gagtatggta gcaatatgac aattgaatgc     120
aaattcccag tagaaaaaca attagacctg gctgcactaa ttgtctattg ggaaatggag     180
gataagaaca ttattcaatt tgtgcatgga gaggaagacc tgaaggttca gcatagtagc     240
tacagacaga gggcccggct gttgaaggac cagctctccc tgggaaatgc tgcacttcag     300
atcacagatg tgaaattgca ggatgcaggg gtgtaccgct gcatgatcag ctatggtggt     360
gccgactaca agcgaattac tgtgaaagtc aatgccccat acaacaaaat caaccaaaga     420
attttggttg tggatccagt cacctctgaa catgaactga catgtcaggc tgagggctac     480
cccaaggccg aagtcatctg gacaagcagt gaccatcaag tcctgagtgg taagaccacc     540
accaccaatt ccaagagaga ggagaagctt ttcaatgtga ccagcacact gagaatcaac     600
acaacaacta atgagatttt ctactgcact tttaggagat tagatcctga ggaaaaccat     660
acagctgaat tggtcatccc agaactacct ctggcacatc ctccaaatga aaggactcac     720
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ttggtaattc tgggagccat cttattatgc cttggtgtag cactgacatt catcttccgt     780
ttaagaaaag ggagaatgat ggatgtgaaa aaatgtggca tccaagatac aaactcaaag     840
aagcaaagtg atacacattt ggaggagacg taa                                 873

<210> 8
<211> 873
<212> DNA
<213> Mus musculus

<400> 8
atgaggatat ttgctggcat tatattcaca gcctgctgtc acttgctacg ggcgtttact      60
atcacggctc caaaggactt gtacgtggtg gagtatggca gcaacgtcac gatggagtgc     120
agattccctg tagaacggga gctggacctg cttgcgttag tggtgtactg ggaaaaggaa     180
gatgagcaag tgattcagtt tgtggcagga gaggaggacc ttaagcctca gcacagcaac     240
ttcaggggga gagcctcgct gccaaaggac cagcttttga agggaaatgc tgcccttcag     300
atcacagacg tcaagctgca ggacgcaggc gtttactgct gcataatcag ctacggtggt     360
gcggactaca agcgaatcac gctgaaagtc aatgccccat accgcaaaat caaccagaga     420
atttccgtgg atccagccac ttctgagcat gaactaatat gtcaggccga gggttatcca     480
gaagctgagg taatctggac aaacagtgac caccaacccg tgagtgggaa gagaagtgtc     540
accacttccc ggacagaggg gatgcttctc aatgtgacca gcagtctgag ggtcaacgcc     600
acagcgaatg atgttttcta ctgtacgttt tggagatcac agccagggca aaaccacaca     660
gcggagctga tcatcccaga actgcctgca acacatcctc cacagaacag gactcactgg     720
gtgcttctgg gatccatcct gttgttcctc attgtagtgt ccacggtcct cctcttcttg     780
agaaaacaag tgagaatgct agatgtggag aaatgtggcg ttgaagatac aagctcaaaa     840
aaccgaaatg atacacaatt cgaggagacg taa                                 873

<210> 9
<211> 822
<212> DNA
<213> Homo sapiens

<400> 9
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ttcacagtga cagtccctaa ggaactgtac ataatagagc atggcagcaa tgtgaccctg     120
gaatgcaact ttgacactgg aagtcatgtg aaccttggag caataacagc cagtttgcaa     180
aaggtggaaa atgatacatc cccacaccgt gaaagagcca ctttgctgga ggagcagctg     240
cccctaggga aggcctcgtt ccacatacct caagtccaag tgagggacga aggacagtac     300
caatgcataa tcatctatgg ggtcgcctgg gactacaagt acctgactct gaaagtcaaa     360
gcttcctaca ggaaaataaa cactcacatc ctaaaggttc cagaaacaga tgaggtagag     420
ctcacctgcc aggctacagg ttatcctctg gcagaagtat cctggccaaa cgtcagcgtt     480
cctgccaaca ccagccactc caggacccct gaaggcctct accaggtcac cagtgttctg     540
cgcctaaagc caccccctgg cagaaacttc agctgtgtgt tctggaatac tcacgtgagg     600
gaacttactt tggccagcat tgaccttcaa agtcagatgg aacccaggac ccatccaact     660
tggctgcttc acattttcat cccctcctgc atcattgctt tcattttcat agccacagtg     720
atagccctaa gaaaacaact ctgtcaaaag ctgtattctt caaaagacac aacaaaaaga     780
cctgtcacca caacaaagag ggaagtgaac agtgctatct ga                       822

<210> 10
<211> 744
<212> DNA
<213> Mus musculus

<400> 10
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ttcaccgtga cagcccctaa agaagtgtac accgtagacg tcggcagcag tgtgagcctg     120
gagtgcgatt ttgaccgcag agaatgcact gaactggaag ggataagagc cagtttgcag     180
aaggtagaaa atgatacgtc tctgcaaagt gaaagagcca ccctgctgga ggagcagctg     240
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```
ccccctgggaa aggctttgtt ccacatccct agtgtccaag tgagagattc cgggcagtac      300
cgttgcctgg tcatctgcgg ggccgcctgg gactacaagt acctgacggt gaaagtcaaa      360
gcttcttaca tgaggataga cactaggatc ctggaggttc caggtacagg ggaggtgcag      420
cttacctgcc aggctagagg ttatccccta gcagaagtgt cctggcaaaa tgtcagtgtt      480
cctgccaaca ccagccacat caggaccccc gaaggcctct accaggtcac cagtgttctg      540
cgcctcaagc ctcagcctag cagaaacttc agctgcatgt tctggaatgc tcacatgaag      600
gagctgactt cagccatcat tgaccctctg agtcggatgg aacccaaagt ccccagaacg      660
tggccacttc atgttttcat cccggcctgc accatcgctt tgatcttcct ggccatagtg      720
ataatccaga gaaagaggat ctag                                             744

<210> 11
<211> 109
<212> PRT
<213> Homo sapiens

<400> 11
Leu Lys Ile Gln Ala Tyr Phe Asn Glu Thr Ala Asp Leu Pro Cys Gln
 1               5                  10                  15
Phe Ala Asn Ser Gln Asn Gln Ser Leu Ser Glu Leu Val Val Phe Trp
            20                  25                  30
Gln Asp Gln Glu Asn Leu Val Leu Asn Glu Val Tyr Leu Gly Lys Glu
        35                  40                  45
Lys Phe Asp Ser Val His Ser Lys Tyr Met Gly Arg Thr Ser Phe Asp
    50                  55                  60
Ser Asp Ser Trp Thr Leu Arg Leu His Asn Leu Gln Ile Lys Asp Lys
65                  70                  75                  80
Gly Leu Tyr Gln Cys Ile Ile His His Lys Lys Pro Thr Gly Met Ile
                85                  90                  95
Arg Ile His Gln Met Asn Ser Glu Leu Ser Val Leu Ala
            100                 105

<210> 12
<211> 105
<212> PRT
<213> Homo sapiens

<400> 12
Ile His Val Thr Lys Glu Val Lys Glu Val Ala Thr Leu Ser Cys Gly
 1               5                  10                  15
His Asn Val Ser Val Glu Glu Leu Ala Gln Thr Arg Ile Tyr Trp Gln
            20                  25                  30
Lys Glu Lys Lys Met Val Leu Thr Met Met Ser Gly Asp Met Asn Ile
        35                  40                  45
Trp Pro Glu Tyr Lys Asn Arg Thr Ile Phe Asp Ile Thr Asn Asn Leu
    50                  55                  60
Ser Ile Val Ile Leu Ala Leu Arg Pro Ser Asp Glu Gly Thr Tyr Glu
65                  70                  75                  80
Cys Val Val Leu Lys Tyr Glu Lys Asp Ala Phe Lys Arg Glu His Leu
                85                  90                  95
Ala Glu Val Thr Leu Ser Val Lys Ala
            100                 105

<210> 13
<211> 113
<212> PRT
<213> Homo sapiens
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<400> 13
Asp Leu Tyr Val Val Glu Tyr Gly Ser Asn Met Thr Ile Glu Cys Lys
 1               5                  10                  15
Phe Pro Val Glu Lys Gln Leu Asp Leu Ala Ala Leu Ile Val Tyr Trp
            20                  25                  30
Glu Met Glu Asp Lys Asn Ile Ile Gln Phe Val His Gly Glu Glu Asp
        35                  40                  45
Leu Lys Val Gln His Ser Ser Tyr Arg Gln Arg Ala Arg Leu Leu Lys
    50                  55                  60
Asp Gln Leu Ser Leu Gly Asn Ala Ala Leu Gln Ile Thr Asp Val Lys
65                  70                  75                  80
Leu Gln Asp Ala Gly Val Tyr Arg Cys Met Ile Ser Tyr Gly Gly Ala
                85                  90                  95
Asp Tyr Lys Arg Ile Thr Val Lys Val Asn Ala Pro Tyr Asn Lys Ile
            100                 105                 110
Asn


<210> 14
<211> 113
<212> PRT
<213> Mus musculus

<400> 14
Asp Leu Tyr Val Val Glu Tyr Gly Ser Asn Val Thr Met Glu Cys Arg
 1               5                  10                  15
Phe Pro Val Glu Arg Glu Leu Asp Leu Leu Ala Leu Val Val Tyr Trp
            20                  25                  30
Glu Lys Glu Asp Glu Gln Val Ile Gln Phe Val Ala Gly Glu Glu Asp
        35                  40                  45
Leu Lys Pro Gln His Ser Asn Phe Arg Gly Arg Ala Ser Leu Pro Lys
    50                  55                  60
Asp Gln Leu Leu Lys Gly Asn Ala Ala Leu Gln Ile Thr Asp Val Lys
65                  70                  75                  80
Leu Gln Asp Ala Gly Val Tyr Cys Cys Ile Ile Ser Tyr Gly Gly Ala
                85                  90                  95
Asp Tyr Lys Arg Ile Thr Leu Lys Val Asn Ala Pro Tyr Arg Lys Ile
            100                 105                 110
Asn


<210> 15
<211> 114
<212> PRT
<213> Homo sapiens

<400> 15
Lys Glu Val Arg Ala Met Val Gly Ser Asp Val Glu Leu Ser Cys Ala
 1               5                  10                  15
Cys Pro Glu Gly Ser Arg Phe Asp Leu Asn Asp Val Tyr Val Tyr Trp
            20                  25                  30
Gln Thr Ser Glu Ser Lys Thr Val Val Thr Tyr His Ile Pro Gln Asn
        35                  40                  45
Ser Ser Leu Glu Asn Val Asp Ser Arg Tyr Arg Asn Arg Ala Leu Met
    50                  55                  60
Ser Pro Ala Gly Leu Met Arg Gly Asp Phe Ser Leu Arg Leu Phe Asn
65                  70                  75                  80
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```
Val Thr Pro Gln Asp Glu Gln Lys Phe His Cys Leu Val Leu Ser Gln
                85                  90                  95
Ser Leu Gly Phe Gln Glu Val Leu Ser Val Glu Val Thr Leu His Val
            100                 105                 110
Ala Ala


<210> 16
<211> 110
<212> PRT
<213> Homo sapiens

<400> 16
Asp Pro Val Val Ala Leu Val Gly Thr Asp Ala Thr Leu Cys Cys Ser
 1               5                  10                  15
Pro Ser Pro Glu Pro Gly Phe Ser Leu Ala Gln Leu Asn Leu Ile Trp
            20                  25                  30
Gln Leu Thr Asp Thr Gln Leu Val His Ser Phe Ala Glu Gly Gln Asp
        35                  40                  45
Gln Gly Ser Ala Tyr Ala Asn Arg Thr Ala Leu Phe Pro Asp Leu Leu
    50                  55                  60
Ala Gln Gly Asn Ala Ser Leu Arg Leu Gln Arg Val Arg Val Ala Asp
65                  70                  75                  80
Glu Gly Ser Phe Thr Cys Phe Val Ser Ile Arg Asp Phe Gly Ser Ala
                85                  90                  95
Ala Val Ser Leu Gln Val Ala Ala Pro Tyr Ser Lys Pro Ser
            100                 105                 110

<210> 17
<211> 98
<212> PRT
<213> Homo sapiens

<400> 17
Glu Leu Tyr Ile Ile Glu His Gly Ser Asn Val Thr Leu Glu Cys Asn
 1               5                  10                  15
Phe Asp Thr Gly Ser His Val Asn Leu Gly Ala Ile Thr Ala Ser Leu
            20                  25                  30
Gln Lys Val Glu Asn Asp Thr Ser Pro His Arg Glu Arg Ala Thr Leu
        35                  40                  45
Leu Glu Glu Gln Leu Pro Leu Gly Lys Ala Ser Phe His Ile Pro Gln
    50                  55                  60
Val Gln Val Arg Asp Glu Gly Gln Tyr Gln Cys Ile Ile Ile Tyr Gly
65                  70                  75                  80
Val Ala Trp Asp Tyr Lys Tyr Leu Thr Leu Lys Val Lys Ala Ser Tyr
                85                  90                  95
Arg Lys


<210> 18
<211> 98
<212> PRT
<213> Mus musculus

<400> 18
Glu Val Tyr Thr Val Asp Val Gly Ser Ser Val Ser Leu Glu Cys Asp
 1               5                  10                  15
```

```
Phe Asp Arg Arg Glu Cys Thr Glu Leu Glu Gly Ile Arg Ala Ser Leu
            20                  25                  30
Gln Lys Val Glu Asn Asp Thr Ser Leu Gln Ser Glu Arg Ala Thr Leu
        35                  40                  45
Leu Glu Glu Gln Leu Pro Leu Gly Lys Ala Leu Phe Asp Ile Pro Ser
    50                  55                  60
Val Gln Val Arg Asp Ser Gly Gln Tyr Arg Cys Leu Val Ile Cys Gly
65                  70                  75                  80
Ala Ala Trp Asp Tyr Lys Tyr Leu Thr Val Lys Val Lys Ala Ser Tyr
                85                  90                  95
Met Arg


<210> 19
<211> 25
<212> PRT
<213> Artificial Sequence

<220>
<223> Consensus

<400> 19
Met Ala Ile Ser Gly Val Pro Val Leu Gly Phe Phe Ile Ile Ala Val
 1               5                  10                  15
Leu Met Ser Ala Gln Glu Ser Trp Ala
            20                  25

<210> 20
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Consensus

<400> 20
Lys Phe Glu Arg Gln
 1               5

<210> 21
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Consensus

<400> 21
Met Asp Asp Gln Arg Asp Leu Ile Ser Asn Asn Glu Gln Leu Pro
 1               5                  10                  15

<210> 22
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
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<223> Consensus

<400> 22
Lys Asp Glu Leu
 1
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